

WHAT IS CLAIMED IS:

1. A sensor in a car window, comprising:
  - a hood partitioned in consort with a car window from a vehicle compartment area; and
  - a sensor main body that includes a lens projecting within the hood and detects, through the lens, an object to be detected that is located in front thereof,

wherein a breathable dustproof filter is provided on a part of the hood.
2. A sensor in a car window according to Claim 1, wherein a breathable dustproof filter is detachably installed to a part of the hood.
3. A sensor in a car window according to Claim 1, wherein the breathable dustproof filter is a HEPA filter.
4. A sensor in a car window according to Claim 1, wherein the breathable dustproof filter is an ULPA filter.
5. A sensor in a car window according to Claim 1, wherein the visual field of the lens coincides with the wiping range of a wiper provided on the front surface of the car window.
6. A sensor in a car window according to Claim 1, wherein the sensor main body is a camera main body.